

**PATENT COOPERATION TREATY**  
**PCT**

**INTERNATIONAL SEARCH REPORT**

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference  P-2004-004WO	<b>FOR FURTHER ACTION</b>	
		see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No.  PCT/EP2005/051167	International filing date (day/month/year)  15/03/2005	(Earliest) Priority Date (day/month/year)  23/03/2004
Applicant  OTICON A/S		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
  - The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).
  - With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.
- 2.  Certain claims were found unsearchable (See Box II).
- 3.  Unity of invention is lacking (see Box III).
- 4. With regard to the title.
  - the text is approved as submitted by the applicant.
  - the text has been established by this Authority to read as follows:

5. With regard to the abstract,

- the text is approved as submitted by the applicant.
- the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. 1.
  - as suggested by the applicant.
  - as selected by this Authority, because the applicant failed to suggest a figure.
  - as selected by this Authority, because this figure better characterizes the invention.
- b.  none of the figures is to be published with the abstract.

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2005/051167

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> <b>IPC 7 H04R25/00</b>		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) <b>IPC 7 H04R</b>		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) <b>EPO-Internal, WPI Data, PAJ</b>		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 191 814 A (WIDEX A/S) 27 March 2002 (2002-03-27) abstract paragraphs '0009!, '0020!, '0031!, '0065!, '0066!, '0072!, '0095! - '0097! figure 3 -----	1-3
X	WO 01/06746 A (OTICON A/S; NIELSEN, JAKOB; EKELID, MICHAEL) 25 January 2001 (2001-01-25) abstract page 5, line 1 - page 6, line 25 page 9, line 28 - page 10, line 30 figures 1-3 ----- -/-	1
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed		
"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search <b>27 June 2005</b>		Date of mailing of the international search report <b>06/07/2005</b>
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl Fax: (+31-70) 340-3016		Authorized officer <b>Fülöp, I</b>

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2005/051167

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2001/002930 A1 (KATES JAMES MITCHELL) 7 June 2001 (2001-06-07) paragraphs '0012!, '0090! - '0093! figure 6 -----	2
A	US 2003/112987 A1 (NORDQVIST NILS PETER ET AL) 19 June 2003 (2003-06-19) abstract paragraphs '0006!, '0035!, '0036!, '0052! -----	3

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No <b>PCT/EP2005/051167</b>	
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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 1191814	A	27-03-2002		EP 1191813 A1 EP 1191814 A1 AU 8959201 A CA 2417803 A1 WO 0225996 A1 JP 2004509543 T US 2002057814 A1 US 2004136557 A1	27-03-2002 27-03-2002 02-04-2002 28-03-2002 28-03-2002 25-03-2004 16-05-2002 15-07-2004
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US 2003112987	A1	19-06-2003		NONE	

# Nyhedsundersøgelsesrapport

PA 2004 00472

Høreapparat med anti-feedback

2004-12-22/JMA

## Klasseundersøgelse

System	Klasse	Gruppe	DK	FI	NO	SE	DE	GB	FR	EP	WO	US	Bemærkning
IPC	H 04 R	3/02, 25/00, 25/02	X	X	X	X							

## Onlineundersøgelse

Databasevært	Database	Søgeprofil	Dato	Periode
EPOQUE	EPODOC, WPI, PAJ	1. H04R25/4/EC/IC 2. HEARING 4D (AID? OR DEVICE? OR APPARATUS+ OR PROSTHESIS+ OR IMPAIR+ OR INSTRUMENT?) 3. DEAF 4D (AID? OR DEVICE? OR APPARATUS+ OR PROSTHESIS+ OR IMPAIR+ OR INSTRUMENT?) 4. AUDITORY 4D (AID? OR DEVICE? OR APPARATUS+ OR PROSTHESIS+ OR IMPAIR+ OR INSTRUMENT?) 5. 1 OR 2 OR 3 OR 4 6. H04R25/00E+/EC 7. H04R3/02/EC/IC 8. 381/318/UC 9. (FEED W BACK) OR FEEDBACK OR SQUEL+ OR WHISTL+ OR HOWL+ 10. 9 3D (CANCEL+ OR SUPPRESS+ OR ELIMINAT+ OR REDUC+ OR COMPENSAT+ OR DECREAS+ OR REMOV+ OR ATTENUAT+ OR MINIMI+ OR ANTI+ OR AVOID+) 11. ACOUSTIC W REACTION+ 12. 6 OR 7 OR 8 OR 10 OR 11 13. 5 AND 12 14. ACOUSTIC+ 2D 9 15. 14 AND 5 16. 5 AND 9	2004-12-22	

## Relevante publikationer

Kategori	Landekode	Skriftkode	Skrift	Bemærkning
X - meget relevant teknik	US	B1	6434246	krav 1
A - baggrunds teknik	US	A	6072884	